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*EXAMINER INITIAL				DATE		CLASS		SUBCLASS		PILIEG DATE IP APPROPRIATE	
PRS		5,040,069	8/13/1991	Mat	sumoto et al.						
PRS		4,993,405	2/19/1991	Tak	amura et al.	·	<u>L</u>			:	
PRS		6,146,326	11/14/2000	Polls	ıck et al.					•	. •
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PR8		EP 0 978 251 A1	2/9/2000	Euro	ppe						
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